

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	308	361/277.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 16:24
L2	466	361/278.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 16:24
L3	998	251/129.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 16:30
L4	1091	257/415.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 16:30
L5	5919	257/312,415,414,417,e23.106, e29.275,e29.323.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:10
L6	2921	361/115,277,278,281-282.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:11
L7	998	251/129.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:11
L8	388	H01L29/82.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:11
L9	25	H01G5/01.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:12

L10	567	F16K31/02.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:12
L11	3666	(5 6 7 8 9 10) and capacit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:12
L12	557	11 and (MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr\$3mechanical\$3 (micro-electro\$3-mechanical\$3 micro-electromechanical\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/09 17:13
L13	1010	11 and ((var\$3 variabl\$3 chang\$3 changeabl\$3) near3 capacit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/09 17:13
L14	1299	12 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/09 17:14
L15	152	14 and ((voltage potential power differential) near5 (distan\$3 space gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/09 17:15
L16	38	15 and ((voltage potential power differential) near5 (mov\$3 movement\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/09 17:16
L17	103	15 and (@ad<"20040123" @riad<"20040123")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:17
L18	74	17 not 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:17
L19	8284	(MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr\$3mechanical\$3 (micro-electro\$3-mechanical\$3 micro-electromechanical\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/09 17:49

L20	122	19 and (parallel\$3 near2 (plate electrode film)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 17:50
L21	21	20 and ((voltage potential power differential) near5 (different\$3 var\$4 chang\$4 distan\$3 space gap)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/09 17:51
L22	21	(20 not 21) and (duration period interval time).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/04/09 17:53
L23	38	19 and (second adj2 (voltage power potential) near2 (differe \$3 value)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 18:00
L24	36	(23 not (21 22))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 18:00
L25	0	24 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2008/04/09 18:00
S1	0	"Van Brocklin"-Andrew-L.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:29
S2	4	VanBrocklin-Andrew-L.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:25
S3	63	Martin-Eric.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:32
S4	1	10/763345	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:26

S5	204	"Van Brocklin, Andrew L"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:28
S6	0	"Andrew L. Van Brocklin"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:29
S7	0	"Andrew L. Van Brocklin"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:29
S8	268	S2 S3 S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:29
S9	7	S8 and ((var\$3 variabl\$3) near3 capacit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:32
S10	112	Martin-Eric\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:32
S11	20	S10 and ((var\$3 variabl\$3) near3 capacit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:32
S12	24	S9 S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/05 16:32
S13	15	("6088214"   "6229684"   "6329738"   "6339493"   "6355534"   "6373682"   "6377438"   "6404304"   "6418006"   "6441449"   "6496348"   "6496351"   "6509812"   "6744335"   "6829132").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/05 16:58

S14	15	2004/0240138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:01
S16	16567	((variabl\$3 var\$3) near\$3 capacit\$4) and voltage and (distan\$3 gap space) and (capacit\$4 with (driv\$4 control\$4 operat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:04
S17	10638	S16 and (@ad< "20030430" @rlad< "20030430")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:06
S18	3399	S17 and ((var\$3 variabl\$3 chang\$3 changeabl\$3) with (distan\$3 gap space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 12:06
S19	3026	S18 and (time duration period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:09
S22	288	S19 and (MEMS (micro near\$2 electro\$3 near\$2 mechan\$4) microelectr\$3mechanical\$3 (micro-electro\$3-mechanical\$3 micro-electromechanical\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:12
S23	158	S22 and (parallel\$3 with (capacit\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:13
S24	19	S23 and ((clear reset referen\$3) near\$4 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 16:16
S25	7	"6140737"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/07 18:34

S26	8	("5768007"   "5768009"   "5869916"   "5872313"   "5914553"   "5923798"   "5945898"   "5986381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/07 18:43
S27	166	(MEMs ((var\$3 variabl\$3 chang\$3 changeabl\$3) near3 capacit\$3) and (distan\$3 gap space) and (second near3 (activat\$4 near2 (position place)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 11:58
S28	98	(MEMs ((var\$3 variabl\$3 chang\$3 changeabl\$3) near3 capacit\$3) and (distan\$3 gap space) and (second near3 activat\$4 near2 (position place))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 12:00
S29	122	S27 and (@ad<"20030430" @rld<"20030430")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 16:36
S30	95	S29 and ((voltage power potential) near2 (diffrnt\$3 chang\$3 varied var\$3 variati\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/25 12:12
S31	3	S28 and S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/25 12:03
S32	48	S28 and (@ad<"20030430" @rld<"20030430")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/25 12:04
S33	6	S32 and ((voltage power potential) near2 (diffrnt\$3 chang\$3 varied var\$3 variati\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/25 12:04
S34	9	((S32 not S33) and ((var\$3 variabl\$3 chang\$3 changeabl\$3) near3 (distan\$3 gap space))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 12:08
S35	12	((S30 S32) not (S33 S34)) and ((var\$3 variabl\$3 chang\$3 changeabl\$3) near2 (capacit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 12:11
S36	7436	((var\$3 variabl\$3 chang\$3 changeabl\$3) near2 (capacit\$3)) and (second near2 (position location place distance gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/22 16:34

S37	2034	S36 and ((voltage power potential) near2 (different\$3 change\$3 varied var\$3 variati\$3))	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/05/25 12:17
S39	730	((var\$3 variabl\$3 changeabl\$3) near2 (capacit\$3)) and (second near2 (position location place distance gap)) and (MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr\$3mechanical\$3 (micro-electro\$3-mechanical\$3 micro-electromechanical\$3))	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/22 19:25
S40	4731	((var\$3 variabl\$3 changeabl\$3) near2 (capacit\$3)) and (MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr\$3mechanical\$3 (micro-electro\$3-mechanical\$3 micro-electromechanical\$3))	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 11:38
S41	1296	S40 and (@ad<"20030430"@rld<"20030430")	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:27
S42	241	S41 and ((second intermediat\$3 middle) near3 (position place))	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:29
S43	219	S42 and (gap distan\$3)	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 16:38
S44	31	S43 and ((intermediat\$3) near3 (position place))	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 17:11
S45	188	S43 not S44	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 17:11
S46	123	S45 and ((var\$3 variabl\$3) near2 (capacit\$3))	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/22 18:17
S47	65	S45 not S46	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 17:33
S48	1055	S41 not (S42 S43 S44 S45)	US-PGPUB; USPAT; USCOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:27

S49	949	S48 and (voltage potential differential)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 18:18
S50	314	S49 and ((voltage potential differential) with (distan\$3 space gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 18:19
S51	143	S50 and ((voltage potential differential) near5 (distan\$3 space gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:26
S52	19	("4561038"   "4857684"   "5075600"   "5640133"   "5644349"   "5696662"   "5880921"   "5946176"   "5959516"   "6177800"   "6196067"   "6215644").FN. OR ("6418006").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/22 18:55
S53	15	("6088214"   "6229684"   "6329738"   "6339493"   "6355534"   "6373682"   "6377438"   "6404304"   "6418006"   "6441449"   "6496348"   "6496351"   "6509812"   "6744335"   "6829132").FN. OR ("7088566").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/22 18:57
S54	12	("5768007"   "5768009"   "5869916"   "5872313"   "5914553"   "5923798"   "5945898"   "5986381").FN. OR ("6140737").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/22 19:24
S55	608	(parallel near3 capacitor) and ((var\$3 variabl\$3 chang\$3 changeabl\$3 turn\$4 turnabl\$3) adj2 capacit\$3) and (MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr \$3mechanical\$3 (micro-electro \$3-mechanical\$3 micro- electromechanical\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/22 19:26
S56	121	S55 and ((voltage potential differential) near5 (distan\$3 space gap))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:33
S57	54	S56 not (S42 S43 S44 S45 S51)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:28
S58	0	S57 and (@ad< "20030430" @riad< "20030430")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:27



S59	331	S55 and (@ad<"20030430" @riad<"20030430")	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:27
S60	227	S59 not (S42 S43 S44 S45 S51)	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:28
S61	221	S60 and ((voltage potential differential))	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:28
S62	6	S61 and ((second intermediat \$3 middle) near3 (position place))	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:30
S63	145	S61 and ((driv\$3 operat\$3 control\$3) near3 capacit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:35
S64	0	S63 and ((voltage potential differential) near5 (distan\$3 space gap))	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:33
S65	1012	257/415.cds.	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:55
S66	139	257/e29.323.cds.	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:55
S67	396	361/235.cds.	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:56
S68	294	361/277.cds.	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:57
S69	1372	310/309.cds.	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/07/22 19:58
S70	105016	((var\$3 variabl\$3 chang\$3 changeabl\$3) near2 capacit\$3)	US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 11:39

S71	472506	(MEMS (micro near2 electro\$3 near2 mechan\$4) microelectr \$3mechanical\$3 (micro-electro \$3-mechanical\$3 micro-electromechanical\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/06 11:39
S72	4762	S70 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 11:40
S73	639	S72 and ((second doubl\$3 dual trip\$3 multi\$3 plural\$3) adj (state stage position))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 11:41
S74	323	S73 and (@ad<"20040123" @rlad<"20040123")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:20
S76	16	S74 and ((second two doubl\$3 dual trip\$3 multi\$3 plural\$3) near3 ((plate electrode) near3 (gap width distan\$3 space)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:18
S77	2242	S71 and ((second two doubl\$3 dual trip\$3 multi\$3 plural\$3) near3 ((plate electrode) near3 (gap width distan\$3 space)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:19
S78	127	S77 and (voltage near3 ((plate electrode) near3 (gap width distan\$3 space)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:19
S79	552	S77 and (voltage with ((plate electrode) with (gap width distan\$3 space)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:20
S80	316	S79 and (@ad<"20040123" @rlad<"20040123")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:21
S82	95	S80 and ((driv\$3 operat\$3) with (volgate charge potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:21
S83	28	(US-20030048036-\$ or US-20040190217-\$ or US-20030184844-\$ or US-20050017313-\$ or US-20030119221-\$ or US-20020075626-\$ or US-20020025595-\$ or US-20040227493-\$ or US-20020125980-\$ or US-20030006777-\$ or US-20050173619-\$ or US-20020039300-\$).did. or (US-6868726-\$ or US-7085121-\$ or	US-PGPUB; USPAT	OR	ON	2007/11/06 12:22

		US-6434028-\$ or US-6418006-\$ or US-7088566-\$ or US-6853476-\$ or US-6829132-\$ or US-6593672-\$ or US-6329738-\$ or US-6140737-\$ or US-6750659-\$ or US-6378838-\$ or US-6417896-\$ or US-6388452-\$ or US-6856499-\$ or US-6323834-\$).dld.				
S84	84	S82 not (S76 S83)	US-PGPUB; USPAT; USOOR; EPO; JPO; IBM_TDB	OR	ON	2007/11/06 12:22

4/ 9/ 2008 6:03:49 PM

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